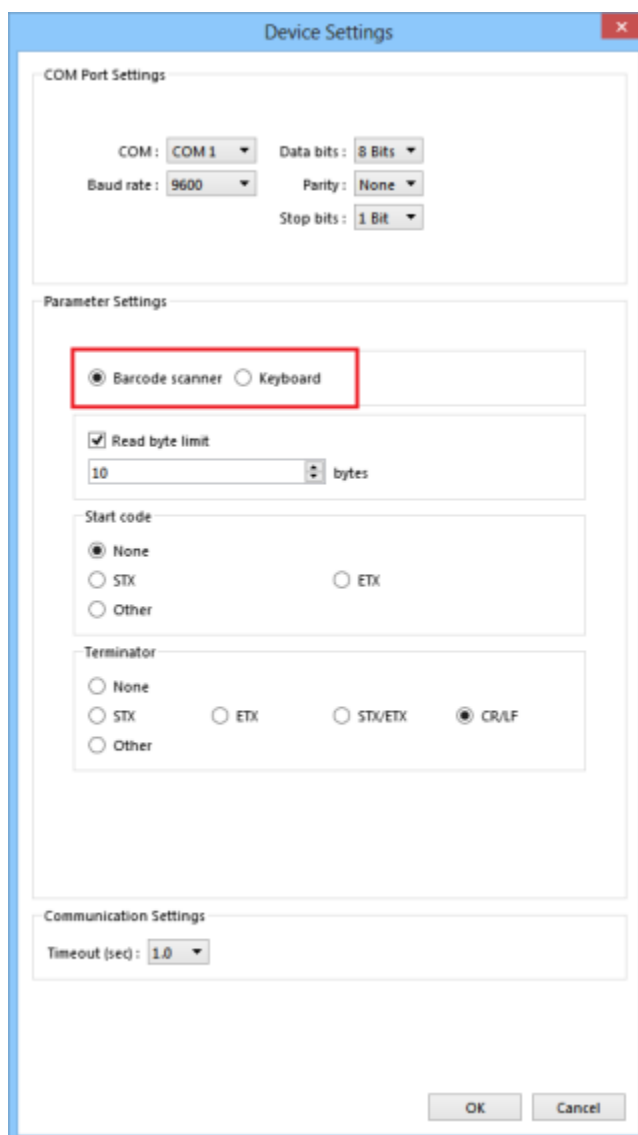


Barcode Scanner/Keyboard

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Barcode Scanner/Keyboard		
PLC I/F	RS232	RS232/485,USB	
Baud rate	9600	9600~115200	
Data bits	8	7,8	
Parity	None	None, Even, Odd	
Stop bits	1	1,2	
Terminator	CR/LF	CR/LF, STX/ETX, Other, None	

★When setting device properties, select [Barcode scanner] or [Keyboard] mode.



The screenshot shows the 'Device Settings' dialog box with the following configuration:

- COM Port Settings:**
 - COM: COM 1
 - Baud rate: 9600
 - Data bits: 8 Bits
 - Parity: None
 - Stop bits: 1 Bit
- Parameter Settings:**
 - ☒ Barcode scanner (highlighted with a red box) ☐ Keyboard
 - ☒ Read byte limit: 10 bytes
 - Start code:** ☒ None, ☐ STX, ☐ ETX, ☐ Other
 - Terminator:** ☐ None, ☐ STX, ☐ ETX, ☐ STX/ETX, ☒ CR/LF
- Communication Settings:**
 - Timeout (sec): 1.0

Buttons at the bottom: OK, Cancel

Device Address:

Bit/Wor	Device type	Format	Range	Memo
B	FLAG	DD	0 ~ 17	Flag
B	RESET	O	0	*Note 1
B	CONNECT_STATUS	O	0	
W	BARCODE	DD	0	Length *Note 2
W	BARCODE	DD	1 ~ 511	Data *Note 2
W	RESULT	D	0	*Note 3



1. RESET: If set on, clears the data of BARCODE and RESULT, and clears FLAG to OFF.
2. BARCODE 0: Number of bytes currently read.
BARCODE 1 ~ n: Stores the data read.
3. RESULT: Indicates the result of data reading.
The following values indicate:
 - 0 : Waiting to read BARCODE.
 - 1 : BARCODE is successfully read.
 - 2 : Invalid BARCODE format.
 - 3 : Exceeds the number of bytes specified in [Read byte limit].
 - 4 : The Start Code of the data read does not match the setting.
 - 5 : The Terminator of the data read does not match the setting.

Wiring Diagram:

RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.

